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(54) Title: UNUSUALLY NARROW PARTICLE SIZE DISTRIBUTION CALCINED KAOLINS

$$\frac{(\text{particle size at a cumulative mass of } < 80\%)}{(\text{particle size at a cumulative mass of } < 20\%)} \leq 3 \quad (\text{I})$$

$$\frac{(\text{particle size at a cumulative mass of } < 80\%)}{(\text{particle size at a cumulative mass of } < 40\%)} \leq 3.5 \quad (\text{II})$$

calcined kaolin can be used in many applications, such as paint and coating compositions for paper or paper board, and more generally, the inventive products may be used wherever calcined kaolins are used.

(57) Abstract: The present invention relates to calcined kaolin having an unusually narrow particle size distribution. The calcined kaolin can have a particle size distribution wherein: (I). The calcined kaolin may be prepared from a hydrous kaolin having a particle size distribution, wherein: (II). The